IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A connector assembly comprising:

a pin extending from a pin distal end to a pin proximal end, and having a pin intermediate portion therebetween;

at least one ring extending from a ring distal end to a ring proximal end and having a ring intermediate portion therebetween;

a molded insulative sleeve disposed between the pin and the ring, the sleeve mechanically coupling the pin and the ring, and the insulative sleeve insulating the pin from the ring, the molded sleeve having a conductor channel therein.

2. (Original) The connector assembly as recited in claim 1, wherein the pin has a first outer diameter and the ring has a second outer diameter, and the first diameter is substantially the same as the second diameter.

3. (Original) The connector assembly as recited in claim 1, further comprising a second ring, and the insulative sleeve is between the pin, the first ring and the second ring, the second ring mechanically coupled to the pin by the sleeve.

4. (Currently Amended) The connector assembly as recited in claim 1, further comprising at least one conductor disposed within the conductor channel.

5. (Currently Amended) The connector assembly as recited in claim 4, wherein the conductor channel is wider than the at least one conductor.

6. (Original) The connector assembly as recited in claim 1, wherein the pin has at least one chamfer formed thereon.

7. (Currently Amended) The connector assembly as recited in claim 4, wherein the conductor channel is a spiral channel.

8. (Currently Amended) The connector assembly as recited in claim 4, wherein the conductor channel is back-filled with material.

9. (Original) A connector assembly comprising:

a pin extending from a pin distal end to a pin proximal end, and having a pin intermediate portion therebetween;

at least one ring extending from a ring distal end to a ring proximal end and having a ring intermediate portion therebetween;

a molded insulative sleeve between the pin and the ring; and

at least one conductor disposed within a portion of the sleeve.

10. (Original) The connector assembly as recited in claim 9, wherein an interior surface of the ring includes grooves formed thereon

11. (Original) The connector assembly as recited in claim 10, wherein the grooves are oblique to a longitudinal axis of the ring.

12. (Original) The connector assembly as recited in claim 9, further comprising a second ring, and a third ring, and the insulative sleeve is between the pin, the first ring, the second ring, and the third ring, the second ring and the third ring mechanically coupled to the pin by the sleeve.

13. (Original) The connector assembly as recited in claim 9, wherein the at least one ring includes at least one chamfer.

14. (Currently Amended) A method comprising:

forming a terminal pin;

forming at least one ring; and

molding a sleeve between the pin and the ring, including mechanically coupling the pin with the ring; and

forming at least one conductor channel within the molded sleeve.

15. (Original) The method as recited in claim 14, further comprising coupling a lead with the terminal pin, the at least one ring, and the sleeve to form an assembly having an isodiametric outer diameter.

16. (Original) The method as recited in claim 14, further comprising forming a second ring, and molding the sleeve between the ring, the terminal pin, and the second ring.

17. (Currently Amended) The method as recited in claim 14, further comprising disposing at least one conductor within the conductor channel of the sleeve.

18. (Currently Amended) The method as recited in claim 14, wherein forming the conductor channel includes forming a spiral channel within the sleeve.

19. (Currently Amended) The method as recited in claim 14, further comprising disposing at least one conductor within the conductor channel of the sleeve and backfilling the conductor channel.

20. (Original) The method as recited in claim 14, further comprising forming at least one chamfer in at least one of the at least one ring or the at least one terminal pin.